

United States Department of Agriculture
Natural Resources Conservation Service
Arizona

Operation and Maintenance Plan For Your Sediment Basin Or Water And Sediment Control Basin

Cooperator

Date

Address

Location: Section

Twn

Range

Field No.

NRCS Field Office

County

This conservation practice is an asset to your farm or ranch. This practice will need periodic operation and maintenance to maintain satisfactory performance. The life of this practice or system is at least 10 years. The life of this practice can be assured or extended by thorough and timely operation and maintenance. Here are some recommendations to help you develop a good operation and maintenance program.

GENERAL RECOMMENDATIONS

- ☐ Periodic removal of sediment is necessary to maintain the effectiveness of this installation. The cleanout intervals may vary depending upon the volume of sediment which has accumulated.
- ☐ Maintain vigorous growth of desirable vegetative coverings. This includes irrigation, reseeding, fertilization, and controlled application of herbicides when necessary. Periodic mowing may also be needed to control height.
- ☐ If fences are installed, they shall be maintained to prevent unauthorized or livestock entry.
- ☐ Remove any debris that may accumulate in or immediately upstream of the basin.
- ☐ Immediately repair any damage from vandalism, vehicles, or livestock to any earth fills, spillways, or outlets.
- ☐ Make sure all structure drains are functional and soil is not being transported through the drainage system. The screens and/or rodent guards shall also be kept in place.
- ☐ Control all rodents or burrowing animals and repair any damage caused by their activity.

Contact your local Natural Resources Conservation Service for any additional technical assistance that you might need for implementation of this operation and maintenance plan for your structure.

- ☐ Determine and eliminate causes of settlement or cracks in the earthen sections and repair damage.
- ☐ Replace weathered or displaced rock riprap to constructed grade.

Specific Recommendations For Your Installation

Contact your local Natural Resources Conservation Service for any additional technical assistance that you might need for implementation of this operation and maintenance plan for your structure.